

## CLAIMS

### What is Claimed:

1. A method for controlling the bend radius of at least a portion of an optical fiber cable having at least one optical fiber, the method comprising the steps of:
  - a. providing a jacket of a heat shrinkable-material;
  - b. placing the jacket around the portion of the optical fiber cable;
  - c. bending the portion of the optical fiber cable at a desired bend angle; and
  - d. shrinking the jacket around the optical fiber cable by the application of heat
2. The method of claim 1, wherein the step of bending includes bending the portion of the optical fiber cable in at least two curves.
3. The method of claim 2, wherein the curves are in different planes.
4. The method of claim 1, the step of bending the optical fiber cable comprising the steps of:
  - providing a cable forming device having at least one mandrel, wherein the mandrel has a radius greater than a minimum bend radius for the optical fiber cable, and
  - wrapping the portion of the optical fiber cable about the mandrel.
5. The method of claim 4, the cable forming device including at least two mandrels, wherein the mandrels are attached to different phases of a support, and the cable is bent in an S-shape having two curves, the two curves being on different planes.
6. A bend radius control member for controlling the bend radius of an optical fiber cable comprising:
  - a deformation resistant heat-shrunk outer jacket wrapped around the optical fiber cable,
  - wherein the heat-shrunk outer jacket has a desired bend radius curvature.